



Desktop and Mini ASE Broadband Light Source (ASE-C/CL)

► Description

ASE light source is a high stable, high output power broadband light source. These broadband light sources have desktop or mini size module package. Orion Laser provides C-band and C+L band broadband ASE light sources.

► Features

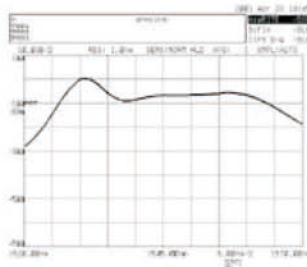
- Broadband spectrum output, covering C band or C + L band
- High output power
- High stability



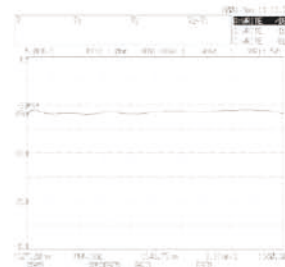
90x70x16mm Module



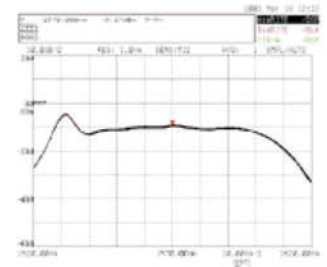
260x240x113mm Desktop



ASE-C spectrum (Without GFF)



ASE-C spectrum (With GFF)



ASE-CL spectrum

► Applications

- Fiber grating, DWDM filter, CWDM filter, AWG test and manufacture
- Passive fiber optical components test
- Optical fiber gyro and fiber sensors

► Specifications:

Parameter \ Source	ASE-C(Without GFF)	ASE-C(With GFF)	ASE-CL
Operating wavelength (nm)	1528~1565	1528~1560	1528~1610
Covering band	C	C	C+L
Output power(dBm)	≥13	≥7	≥10
Spectrum flatness(dB)	/	≤2	/
Spectrum density(dBm/nm)	≥-16	≥-16	≥-20
Spectrum density stability*		≤±0.05dBm/nm(15min)	
Output power short term stability*		≤±0.02dB(15min)	
Output power long term stability*		≤±0.05dB(8 hours)	
Fiber pigtail		Single mode SMF-28e	
Output connector		FC/PC, FC/UPC or FC/APC	
Operating temperature(℃)		0~+40	
Storage temperature(℃)		-20~+70	
Relative humidity		20%~80%	
Power supply		AC220/110V±10%, 50Hz, 20W(Desktop)	
Dimensions (L×W×H)(mm)	Desktop	260×240×113	
	Mini Module	90×70×16	

*Note: Stability is tested at room temperature 23±2℃ after pre-heating 60 minutes, CW

► Order Information:

ASE-XX-X-XX-X

- G=with GFF, None=without GFF Output
- power: 10=10dBm, etc. M=Module,
- D=Desktop
- C=C Band, L=L Band, CL=C+L Band

Distributor

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